

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	416	(118/318).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/18 11:13
L2	1040	(118/317).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/18 11:13
L3	568	118/dig.10	US-PGPUB; USPAT	OR	OFF	2004/11/18 11:13
L4	108	(118/676).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/18 11:14
L5	116	(118/306).CCLS.	USOCR	OR	OFF	2004/11/18 11:22
L6	0	kinnison-charlotte\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/18 11:23
L7	5	Hayfield-john\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/18 11:24
L8	46	"5,403,309" "6,306,129" "6,451,012" "6,475,212" "6,530,234" 2003/0130575 2004/0002647	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/18 11:47
L9	10	((("5,403,309") or ("6,306,129") or ("6,451,012") or ("6,475,212") or ("6,530,234"))).PN. or ((2003/0130575) or (2004/0002647)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/18 11:46
L12	2	"20030130575"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/18 11:49
L13	2	"20040002647"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/18 11:49

L14	22	2 and pump near10 shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/18 11:51
L15	7	5 and pump near10 shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/18 11:51
L16	9	5 and pump near20 shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/18 11:51
L17	25	2 and pump near20 shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/18 11:51

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L1	416	(118/318).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/18 11:13
L2	1040	(118/317).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/18 11:13
L3	568	118/dig.10	US-PGPUB; USPAT	OR	OFF	2004/11/18 11:13
L4	108	(118/676).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/18 11:14
L5	116	(118/306).CCLS.	USOCR	OR	OFF	2004/11/18 11:22
L6	0	kinnison-charlotte\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/18 11:23
L7	5	Hayfield-john\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/18 11:24
S1	88	shaft near20 bleeder	US-PGPUB; USPAT	OR	OFF	2003/10/31 14:26
S2	73	shaft near10 bleeder	US-PGPUB; USPAT	OR	OFF	2003/10/31 14:28
S3	0	S2 and "118"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2003/10/31 14:27
S4	2	shaft near10 bleeder near hole	US-PGPUB; USPAT	OR	OFF	2003/10/31 14:28
S5	130	(yewebdar or tadesse) and "118"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2004/11/18 11:13
S6	4	((yewebdar or tadesse) and "118"/\$.ccls.) and syringe\$1	US-PGPUB; USPAT	OR	OFF	2003/10/21 17:03
S7	1	("5910104").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/10/21 16:56
S8	11	"5910104".URPN.	USPAT	OR	OFF	2003/10/21 16:56
S9	3	((yewebdar or tadesse) and "118"/\$.ccls.) and thermal near conduct\$3	US-PGPUB; USPAT	OR	OFF	2003/10/21 17:01
S10	3	((yewebdar or tadesse) and "118"/\$.ccls.) and ((118/306).CCLS.)	US-PGPUB; USPAT	OR	OFF	2003/10/21 17:01

S11	244	(118/306).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/10/21 17:02
S12	1	((yewebdar or tadesse) and "118"/\$. ccls.) and golf	US-PGPUB; USPAT	OR	OFF	2003/10/21 17:04
S13	650	(118/317).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/18 11:13
S14	30	((118/317).CCLS.) and thermal	US-PGPUB; USPAT	OR	OFF	2003/10/21 17:34
S15	563	118/dig.10	US-PGPUB; USPAT	OR	OFF	2004/11/18 11:13
S16	0	((118/317).CCLS.) and interior near10 (small near (article\$1 or part\$1 or substrate\$1))	US-PGPUB; USPAT	OR	OFF	2003/10/21 17:25
S17	0	((118/317).CCLS.) and inside near10 (small near (article\$1 or part\$1 or substrate\$1))	US-PGPUB; USPAT	OR	OFF	2003/10/21 17:25
S18	5	((118/317).CCLS.) and sheath	US-PGPUB; USPAT	OR	OFF	2003/10/21 17:27
S19	33	((118/317).CCLS.) and small near diameter	US-PGPUB; USPAT	OR	OFF	2003/10/21 17:28
S20	2	((118/317).CCLS.) and small near diameter) and thermal	US-PGPUB; USPAT	OR	OFF	2003/10/21 17:34
S21	35	thermal near conductive near medium	US-PGPUB; USPAT	OR	OFF	2003/10/22 13:32
S22	0	(conductive near grease) and ((118/317).CCLS.)	US-PGPUB; USPAT	OR	OFF	2003/10/22 09:21
S23	9	(conductive near grease) and "118"/\$. ccls.	US-PGPUB; USPAT	OR	OFF	2003/10/22 09:19
S24	2741	conductive near medium	US-PGPUB; USPAT	OR	OFF	2003/10/22 09:21
S25	0	(conductive near medium) and ((118/317).CCLS.)	US-PGPUB; USPAT	OR	OFF	2003/10/22 09:21
S26	23	conductive and ((118/317).CCLS.)	US-PGPUB; USPAT	OR	OFF	2003/10/22 11:23
S27	4	("2619430"   "2763564"   "3791846"   "4125088").PN.	USPAT	OR	OFF	2003/10/22 09:30
S28	1	"5104686".URPN.	USPAT	OR	OFF	2003/10/22 09:38
S29	5	((118/317).CCLS.) and grease	US-PGPUB; USPAT	OR	OFF	2003/10/22 13:41
S30	9	((118/317).CCLS.) and cylindrical near container	US-PGPUB; USPAT	OR	OFF	2003/10/22 09:44
S31	141	((118/317).CCLS.) and small	US-PGPUB; USPAT	OR	OFF	2003/10/22 10:05

S32	4	((118/317).CCLS.) and medical	US-PGPUB; USPAT	OR	OFF	2003/10/22 11:23
S33	2	("2336946"   "4233932").PN.	USPAT	OR	OFF	2003/10/22 10:11
S34	2	("2336946"   "4233932").PN.	USPAT	OR	OFF	2003/10/22 10:11
S35	2	"5038708".URPN.	USPAT	OR	OFF	2003/10/22 10:12
S36	382	(118/317).CCLS.	USOCR	OR	OFF	2003/10/22 11:30
S37	2	((118/317).CCLS.) and medical	USOCR	OR	OFF	2003/10/22 11:31
S38	11	conductive and ((118/317).CCLS.)	USOCR	OR	OFF	2003/10/22 11:30
S39	116	(118/306).CCLS.	USOCR	OR	OFF	2004/11/18 11:14
S40	0	((118/306).CCLS.) and medical	USOCR	OR	OFF	2003/10/22 11:31
S41	2	conductive and ((118/306).CCLS.)	USOCR	OR	OFF	2003/10/22 11:31
S42	650	(118/317).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/10/22 11:58
S43	69	thermal near conductive near grease	US-PGPUB; USPAT	OR	OFF	2003/10/22 13:32
S44	10	((118/317).CCLS.) and (grease or paste)	US-PGPUB; USPAT	OR	OFF	2003/10/22 16:06
S45	808	conductive near grease	US-PGPUB; USPAT	OR	OFF	2003/10/22 13:57
S46	5	((118/306).CCLS.) and (grease or paste)	US-PGPUB; USPAT	OR	OFF	2003/10/22 13:57
S47	0	((118/317).CCLS.) and control\$4 near10 contact near switch\$2	US-PGPUB; USPAT	OR	OFF	2003/10/22 14:45
S48	1253	"118"/\$.ccls. and control\$4 near5 switch\$2	US-PGPUB; USPAT	OR	OFF	2003/10/22 14:46
S49	60	"118"/\$.ccls. and control\$4 near5 contact\$3 near5 switch\$2	US-PGPUB; USPAT	OR	OFF	2003/10/22 14:55
S50	2	"118"/\$.ccls. and control\$4 near20 (substrate or article)near10 contact\$3 near5 switch\$2	US-PGPUB; USPAT	OR	OFF	2003/10/22 15:08
S51	3	"118"/\$.ccls. and control\$4 same(substrate or article)near10 contact\$3 near5 switch\$2	US-PGPUB; USPAT	OR	OFF	2003/10/22 15:01
S52	162	control\$4 same(substrate or article)near10 contact\$3 near5 switch\$2	US-PGPUB; USPAT	OR	OFF	2003/10/22 15:02
S53	99	control\$4 near20 (substrate or article)near10 contact\$3 near5 switch\$2	US-PGPUB; USPAT	OR	OFF	2003/10/22 15:02
S54	61	control\$4 near10 (substrate or article)near10 contact\$3 near5 switch\$2	US-PGPUB; USPAT	OR	OFF	2003/10/22 15:04

S55	6	control\$4 near10 (substrate or article)near10 position\$3 near10 contact\$3 near5 switch\$2	US-PGPUB; USPAT	OR	OFF	2003/10/22 15:06
S56	10	control\$4 near20 (substrate or article)near10 position\$3 near10 contact\$3 near5 switch\$2	US-PGPUB; USPAT	OR	OFF	2003/10/22 15:06
S57	36	"118"/\$.ccls. and control\$4 near20 position\$3 near10 contact\$3 near5 switch\$2	US-PGPUB; USPAT	OR	OFF	2003/10/22 15:17
S58	2	"118"/\$.ccls. and position\$3 near10 (substrate or article) near10 contact\$3 near5 switch\$2	US-PGPUB; USPAT	OR	OFF	2003/10/22 15:20
S59	0	"427"/\$.ccls. and position\$3 near10 (substrate or article) near10 contact\$3 near5 switch\$2	US-PGPUB; USPAT	OR	OFF	2003/10/22 15:19
S60	8	"118"/\$.ccls. and (substrate or article) near10 contact\$3 near5 switch\$2	US-PGPUB; USPAT	OR	OFF	2003/10/22 15:22
S61	23	"118"/\$.ccls. and (substrate or article) near5 contact\$3 near5 activat\$3	US-PGPUB; USPAT	OR	OFF	2003/10/22 15:24
S62	0	"118"/\$.ccls. and (substrate or article) near5 contact\$3 near5 activat\$3 near (button or switch)	US-PGPUB; USPAT	OR	OFF	2003/10/22 15:25
S63	120	"118"/\$.ccls. and contact near (switch\$2 or button\$1)	US-PGPUB; USPAT	OR	OFF	2003/10/22 15:32
S64	49	"118"/\$.ccls. and contact near (switch\$2 or button\$1)same control\$4	US-PGPUB; USPAT	OR	OFF	2003/10/22 15:37
S65	3	"118"/\$.ccls. and contact near (switch\$2 or button\$1)same controller\$1	US-PGPUB; USPAT	OR	OFF	2003/10/22 15:35
S66	2	"118"/\$.ccls. and contact near (switch\$2 or button\$1)same controller\$1 same position\$3	US-PGPUB; USPAT	OR	OFF	2003/10/22 15:36
S67	28	"118"/\$.ccls. and contact near (switch\$2 or button\$1)same control\$4 same position\$3	US-PGPUB; USPAT	OR	OFF	2003/10/22 16:11
S68	257	nozzle near5 diameter near10 ("0.36" or "0.4" or "0.145" or "0.14")	US-PGPUB; USPAT	OR	OFF	2003/10/22 16:07
S69	1	((118/317).CCLS.) and (nozzle near5 diameter near10 ("0.36" or "0.4" or "0.145" or "0.14") )	US-PGPUB; USPAT	OR	OFF	2003/10/22 16:10
S70	70	nozzle near5 diameter near10 ("3.6" or "4.0")	US-PGPUB; USPAT	OR	OFF	2003/10/22 16:09
S71	0	((118/317).CCLS.) and ( nozzle near5 diameter near10 ("3.6" or "4.0") )	US-PGPUB; USPAT	OR	OFF	2003/10/22 16:28
S72	1	"118"/\$.ccls. and bleeder near hole\$1	US-PGPUB; USPAT	OR	OFF	2003/10/22 16:12

S73	2	"118"/\$.ccls. and ((bleeder near hole\$1) or (vent\$3 near hole\$1))near5 shaft	US-PGPUB; USPAT	OR	OFF	2003/10/22 16:18
S74	2	(probe or applicator or nozzle) near5 tip near20 (mushroom near5 shap\$3)	US-PGPUB; USPAT	OR	OFF	2003/10/24 16:10
S75	0	"118"/\$.ccls.and (probe or applicator or nozzle) near5 tip near20 ((mushroom or nipple or cone or umbrella) near5 shap\$3)	US-PGPUB; USPAT	OR	OFF	2003/10/24 16:13
S76	1	((118/317).CCLS.) and ("118"/\$.ccls. and (probe or applicator or nozzle) near5 tip near5 shap\$3)	US-PGPUB; USPAT	OR	OFF	2003/10/22 17:25
S77	62	"118"/\$.ccls.and (probe or applicator or nozzle) near5 tip near5 shap\$3	US-PGPUB; USPAT	OR	OFF	2003/10/22 16:29
S78	6	((118/317).CCLS.) and (holes near5 side)	US-PGPUB; USPAT	OR	OFF	2003/10/22 16:59
S79	31	((118/317).CCLS.) and coat\$3 near (pipe\$1 or tube\$1)	US-PGPUB; USPAT	OR	OFF	2003/10/22 16:35
S80	68	((118/317).CCLS.) and coat\$3 near5 (pipe\$1 or tube\$1)	US-PGPUB; USPAT	OR	OFF	2003/10/22 16:36
S81	650	(118/317).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/10/22 17:25
S82	4	"5141774".URPN.	USPAT	OR	OFF	2003/10/22 16:44
S83	43	("2098857"   "2189783"   "2208636"   "2264632"   "2455129"   "2512581"   "2760585"   "2877480"   "2941500"   "3044441"   "3120346"   "3252442"   "3294139"   "3322095"   "3383257"   "3416492"   "3422795"   "3516385"   "3532072"   "3601291"   "3605827"   "3640758"   "3797455"   "3811408"   "3817210"   "3830902"   "3889628"   "3894509"   "3896760"   "3956533"   "3974306"   "3995074"   "4043295"   "4054688"   "4060868"   "4114505"   "4233932"   "4279943"   "4321885"   "4372245"   "4429658"   "4528938"   "4652468").PN.	USPAT	OR	OFF	2003/10/22 16:48
S84	7	"3383257".URPN.	USPAT	OR	OFF	2003/10/22 16:54
S85	145	((118/317).CCLS.) and (holes or openings)	US-PGPUB; USPAT	OR	OFF	2003/10/22 16:59
S86	25	((118/317).CCLS.) and (holes or openings)near10 spray\$3	US-PGPUB; USPAT	OR	OFF	2003/10/22 17:08
S87	382	(118/317).CCLS.	USOCR	OR	OFF	2003/10/22 17:08
S88	20	((118/317).CCLS.) and (holes or openings)near10 spray\$3	USOCR	OR	OFF	2003/10/22 17:08

S89	328	(118/313).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/10/22 17:25
S90	41	((118/317).CCLS.) and ((118/313).CCLS.)	US-PGPUB; USPAT	OR	OFF	2003/10/22 17:26
S91	1	("5910104").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/10/24 14:27
S92	4	pump near10 activat\$3 near switch same control\$4 and "118"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2003/10/24 15:38
S93	584	pump near10 activat\$3 near switch same control\$4	US-PGPUB; USPAT	OR	OFF	2003/10/24 15:32
S94	3	pump near10 activat\$3 near switch same control\$4 and "156"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2003/10/24 15:33
S95	0	(probe or applicator or nozzle) same closed near tip near20 ((mushroom or umbrella or T) near5 shap\$3)	US-PGPUB; USPAT	OR	OFF	2003/10/24 16:12
S96	0	closed near tip near20 ((mushroom or umbrella or T) near5 shap\$3)	US-PGPUB; USPAT	OR	OFF	2003/10/24 16:12
S97	3	(probe or applicator or nozzle) near5 tip near20 ((mushroom or nipple or cone or umbrella) near5 shap\$3) same closed near end	US-PGPUB; USPAT	OR	OFF	2003/10/24 16:13
S98	133	(probe or applicator or nozzle) near5 tip near20 ((mushroom or nipple or cone or umbrella) near5 shap\$3)	US-PGPUB; USPAT	OR	OFF	2003/10/24 16:18
S99	11	( (probe or applicator or nozzle) near5 tip near20 ((mushroom or nipple or cone or umbrella) near5 shap\$3)) and (mushroom or umbrella)	US-PGPUB; USPAT	OR	OFF	2003/10/24 16:34
S10 0	10	("1561298"   "2873886"   "3240405"   "3362587"   "3724722"   "3848780"   "3945381"   "4143797"   "4635823"   "4863067").PN.	USPAT	OR	OFF	2003/10/24 16:20
S10 1	0	((("1561298"   "2873886"   "3240405"   "3362587"   "3724722"   "3848780"   "3945381"   "4143797"   "4635823"   "4863067").PN.) and (mushroom or umbrella)	US-PGPUB; USPAT	OR	OFF	2003/10/24 16:30
S10 2	19	("0680723"   "1212945"   "2194173"   "2249500"   "2594959"   "3315665"   "3520292"   "3763854"   "3782387"   "3794035"   "3810458"   "3815579"   "3906940"   "4151832"   "4248230"   "4250878"   "4291015"   "4396023"   "4542750").PN.	USPAT	OR	OFF	2003/10/24 16:32
S10 3	4	nozzle near tip same mushroom	US-PGPUB; USPAT	OR	OFF	2003/10/24 16:34



S10 4	93	(118/676).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/16 13:44
S10 5	15	((118/676).CCLS.) and switch and pump	US-PGPUB; USPAT	OR	OFF	2003/10/31 10:34
S10 6	31	((118/676).CCLS.) and switch	US-PGPUB; USPAT	OR	OFF	2003/10/31 10:35
S10 7	14	((118/676).CCLS.) and switch near20 position\$3	US-PGPUB; USPAT	OR	OFF	2003/10/31 10:43
S10 8	1	((118/676).CCLS.) and contact near switch near20 position\$3	US-PGPUB; USPAT	OR	OFF	2003/10/31 10:44
S10 9	25	"118"/\$.ccls.and contact near switch near20 position\$3	US-PGPUB; USPAT	OR	OFF	2003/10/31 11:07
S11 0	3	substrate near contact near switch near20 position\$3	US-PGPUB; USPAT	OR	OFF	2003/10/31 11:35
S11 1	9	tim\$3 near circuit near20 (activat\$3 or deactivat\$3) near10 motor near10 pump	US-PGPUB; USPAT	OR	OFF	2003/10/31 14:25
S11 2	55	proper near position\$3 near20 contact near switch	US-PGPUB; USPAT	OR	OFF	2003/10/31 11:35
S11 3	1	proper near position\$3 near20 contact near switch and "118"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2003/10/31 11:37
S11 4	1	proper near position\$3 near20 contact near switch and "427"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2003/10/31 11:34
S11 5	12	proper near position\$3 near20 contact near switch and coat\$3	US-PGPUB; USPAT	OR	OFF	2003/10/31 11:34
S11 6	0	substrate near contact near switch same proper near position\$3	US-PGPUB; USPAT	OR	OFF	2003/10/31 11:35
S11 7	0	proper near position\$3 same contact near switch and "118"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2003/10/31 11:36
S11 8	1	proper near position\$3 near20 contact near (switch or sensor or button) and "118"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2003/10/31 11:37
S11 9	3	proper near position\$3 same contact near5 (switch or sensor or button) and "118"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2003/10/31 11:39
S12 0	212	position\$3 same contact near5 (switch or sensor or button) and "118"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2003/10/31 12:09
S12 1	117	position\$3 same contact near5 (switch or sensor or button) same control\$4 and "118"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2003/10/31 12:09
S15 4	1040	(118/317).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/16 08:38

S15 5	0	S154 and applicator near shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/16 08:40
S15 6	7	"5141774"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/16 08:39
S15 7	2	S156 and shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/16 08:39
S15 8	22	S154 and pump near10 shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/16 08:40
S15 9	108	(118/676).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/18 11:14